

CLIMATOLOGICAL DATA FOR NOVEMBER, 1913.

DISTRICT NO. 8, TEXAS AND RIO GRANDE VALLEY.

B. BUNNEMEYER, District Editor.

GENERAL SUMMARY.

November was a warm and wet month with less than the normal amount of sunshine. There was, however, a period of sunshiny days, favorable for outdoor work, from the 6th to 18th. The mean temperatures were well above the normal throughout the district, and in some localities the current month was the warmest November of record. The mean variability of temperature was remarkably small. In spite of the high monthly means there were no unusually warm days; nor were there any unusually cold days. Even at the higher mountain stations no zero weather was recorded, while in the Texas portion of the district the coldest reported was but 4° below freezing; and the greater portion of the State had no damaging frosts.

The month also ranks as one of the wettest Novembers of record, but the precipitation departures varied greatly. Over the middle Rio Pecos watershed and the eastern fourth of Texas and along the immediate Gulf coast the precipitation was deficient, while over the upper Trinity and middle portions of the Brazos, Colorado, and Guadalupe watersheds there was from two to three times the normal amount of rainfall. Good showers occurred during the first five days and daily after the 19th in some portion of the district; and at the close of the month the ground was saturated with moisture. The snowfall was heavy at the northern mountain stations, but for the district as a whole averaged less than normal. The heaviest monthly amount in Colorado was 27.2 inches at Platoro, and in New Mexico, 23.3 inches at Batesman's Ranch. There was no snow reported in Texas. The number of days with 0.01 inch or more of precipitation was greater than normal, averaging 5 in Colorado and New Mexico and 6 in Texas.

The greatest and least monthly amounts of precipitation were, respectively, in Colorado, 2.96 inches at Cumbreros and 0.18 inch at Blanca; in New Mexico, 4 inches at Hermosa and 0.15 inch at Bluewater; and in Texas, 11.85 inches at Somerville and 0.15 inch at Marfa. Excessive precipitation of 2.50 inches or more in 24 consecutive hours occurred at 35 stations in Texas, the heaviest being 8.50 inches at Somerville on the 23d.

The prevailing winds were from the southwest in the western portion of the district, from the south in the middle portion, and from the southeast in the eastern.

TEMPERATURE.

The mean temperatures were above normal at all reporting stations with daily excesses averaging 3.3° in Colorado, 3.4° in New Mexico, and 5.9° in Texas. The first decade was the coldest and the second the warmest. As there were no well-defined warm or cold periods the highest and lowest temperatures occurred on mixed dates. The average daily range of temperature was small, varying from 8° on the Texas coast to 31° in portions of Colorado.

The highest and lowest temperatures reported were, respectively, in Colorado, 65° at Saguache on the 11th and 4° at Wagon Wheel Gap on the 23d; in New Mexico, 84° at Hondo Reservoir on the 6th and at Artesia on the 12th, and 9° at Virsylvania on the 23d; and in Texas, 92° at Falfurrias on the 16th and at Brighton on the 26th, and 28° at Albany and San Augustine on the 10th. The local monthly means ranged from 28.0° to 38.7° in Colorado, from 34.7° to 55.5° in New Mexico, and from 52.8° to 74.9° in Texas.

PRECIPITATION.

The precipitation over the Rio Grande watershed was generally above the normal with large excesses in Texas from Del Rio to Fort McIntosh. The average for the watershed was 1.48 inches, which is nearly double the normal amount.

The Rio Pecos watershed had a moderate excess of precipitation in its upper and lower portions and a slight deficiency in its middle portion. The average for the watershed was 1.06 inches, which is 0.21 inch greater than normal.

Of the Texas drainage areas the coastal plains and the Sabine and Neches watersheds had less than the normal rainfall, with deficiencies ranging from 0.87 inch for the coastal plains to 1.77 inches for the Sabine. The remaining drainage basins showed large excesses that ranged from 1.73 inches for the Trinity watershed to 4.02 inches for that of the Colorado. Excessive rains occurred during the last decade over a broad belt extending from the headwaters of the Trinity southwestward to the Rio Grande. The following are the average monthly amounts in inches and hundredths for the various Texas watersheds: Nueces, 4.34; San Antonio, 5.13; Guadalupe, 5.38; Lavaca, 5.20; Colorado, 5.73; Brazos, 5.61; Trinity, 4.45; Neches, 2.39; Sabine, 1.73; and coastal plains, 2.12.

RIVER CONDITIONS.

The flow of the Texas streams was much greater than normal, and the run-off for the Brazos, Colorado, and Guadalupe was with one exception the greatest for November in the last 10 years. Moderate rises occurred in the upper Trinity, middle Brazos, and middle and lower Colorado during the latter half of the first decade, due to heavy rains on the 4th and 5th. Sharp rises occurred in all the streams at the close of the month, due to a series of heavy rains that began on the 23d. The Trinity was above flood stage at Dallas from the 24th to the 27th, inclusive, reaching a maximum stage of 30.2 feet at noon of the 25th. A rise of 21 feet occurred in the Colorado at Ballinger on the 23d, which was augmented in the lower valley by heavy rains between the 27th and 30th, causing the river to reach flood stage at Columbus on the 28th and a stage of 34 feet on the 30th. The Guadalupe was above flood stage at Victoria from the 26th to 30th with a maximum stage of 22.9 feet on the 28th. No damage was reported from these freshets. A sharp rise occurred in the lower Rio Grande between the 24th and 30th.

TABLE 1.—Climatological data for November, 1913. District No. 8, Texas and Rio Grande Valley.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | | | Precipitation, in inches. | | | | | | | | Sky. | | | | Prevailing wind direction. | Observers. |
|-------------------------------------|-------------|------------------|--------------------------|-------------------------------------|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------|----------------------------|-----------------------|---------------------------|------------------------------------------|--------------------------|-------------------------------|------------------------|-------|-------------------------------|---------------------|-------|-------|----------------------------|------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unsealed. | Number of rainy days, 0.01 inch or more. | Number of overcast days. | Number of partly cloudy days. | Number of cloudy days. | | | | | | | |
| <i>Colorado.</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blanca. | Costilla. | 7,865 | 4 | 35.2 | ..... | 60 | 10 | 10 | 23 | 42 | 0.18 | ..... | 0.18 | 0 | 1 | 21 | 8 | 1 | w. | V. R. Liggett. | | | | | |
| Cumbres. | Conejos. | 10,015 | 6 | 34.6 | + 4.5 | 61 | 7 | 11 | 30 | 47 | 0.53 | + 0.22 | 0.33 | 2.5 | 3 | 8 | 7 ⁴ | 2 ¹ | 11 | sw. | Mrs. Ida M. Lively. | | | | |
| Garnett. | Costilla. | 7,576 | 20 | 34.6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Hermit. | Hinsdale. | 9,843 | 6 | 33 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| La Veta Pass. | Costilla. | 9,000 | 3 | 33 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Manassa. | Conejos. | 7,700 | 7 | 36.0 ^b | ..... | 63 ^a | 11 | 13 | 23 | 47 ^a | 0.70 | ..... | 0.29 | 9.0 | 3 | 18 | 7 | 5 | w. | Charles Spesier. | | | | | |
| Platoro. | Costilla. | 9,675 | 6 | 33 | ..... | ..... | ..... | ..... | ..... | ..... | 0.62 | ..... | 0.42 | 2.0 | 3 | 15 ⁵ | 5 ⁴ | 12 | sw. | Miss Marion Mason. | | | | | |
| Saguache. | Saguache. | 7,740 | 21 | 38.7 | + 5.3 | 65 | 11 | 13 | 24 | 46 | 0.30 | + 0.01 | 0.20 | 1. | 2 | 12 | 1 | 17 | w. | J. B. Chapman. | | | | | |
| San Luis. | Costilla. | 7,794 | 22 | 35.8 | + 2.0 | 61 | 10 | 13 | 6 | 41 | 0.74 | + 0.32 | 0.43 | 6.1 | 3 | 10 | 16 | 4 | sw. | Samuel P. Mix. | | | | | |
| Wagon Wheel Gap Experiment Station. | Mineral. | 9,610 | 14 | 28.0 | + 1.5 | 48 | 9 | 4 | 23 | 27 | 1.85 | + 0.87 | 0.63 | 20.4 | 10 | 11 | 8 | 11 | ..... | Eugene Williams. | | | | | |
| <i>New Mexico.</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agricultural College. | Dona Ana. | 3,863 | 52 | 51.8 | + 2.3 | 79 | 7 | 25 | 30 | 49 | 0.80 | + 0.23 | 0.46 | 0 | 5 | 18 | 3 | 9 | se. | N. Mex. Agricultural College. | | | | | |
| Alamogordo (near). | Otero. | 4,338 | 16 | 52.4 | + 2.2 | 75 | 7 | 28 | 5 | 38 | 1.90 | + 1.15 | 1.08 | 0 | 4 | 18 | 5 | 5 | sw. | Edward Le Breton. | | | | | |
| Alamogordo. | do. | 4,320 | 4 | 51.2 | ..... | 74 | 7 | 30 | 5 | 33 | 1.68 | ..... | 0.99 | 0 | 5 | 26 | 0 | 4 | s. | Agent E. P. & S. W. R. R. | | | | | |
| Alamos Ranch. | Sandoval. | 7,800 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.18 | ..... | 0.80 | 8.0 | 8 | 17 | 4 | 9 | sw. | H. H. Brook. | | | | | |
| Albuquerque. | Bernalillo. | 4,960 | 37 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.89 | + 0.19 | 0.28 | 0 | 5 | 16 | 1 | 1 | ..... | Pitt Ross, C. E. | | | | | |
| Ancho. | Lincoln. | 6,112 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.04 | ..... | 0.45 | 0.5 | 5 | ..... | ..... | ..... | ..... | Agent E. P. & S. W. R. R. | | | | | |
| Anchor Mine. | Taos. | 10,600 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.93 | ..... | 0.44 | 20.0 | 5 | 12 | 12 | 6 | w. | Charles H. Brigham. | | | | | |
| Artesia. | Eddy. | 3,350 | 5 | 52.9 | ..... | 84 | 12 | 23 | 5 | 52 | 0.88 | ..... | 0.58 | 27.2 | 12 | 15 | 3 | 12 | sw. | Will Benson, C. E. | | | | | |
| Aspen Grove Ranch. | Rio Arriba. | 9,000 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.66 | ..... | 0.64 | 18.3 | 5 | 10 | 0 | 14 | ..... | Junius D. Maupin. | | | | | |
| Batemans Ranch. | do. | 8,900 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.01 | ..... | 0.78 | 23.3 | 6 | 15 | 8 | 7 | w. | John W. Bateman. | | | | | |
| Berino. | Dona Ana. | 3,788 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.15 | - 0.21 | 0.15 | T. | 1 | 10 | 19 | 1 | nw. | J. C. McNary. | | | | | |
| Bluewater. | Valencia. | 6,732 | 11 | 41.2 | + 3.6 | 67 | 10 | 11 | 29 | 51 | 0.66 | ..... | 0.66 | 0 | 5 | 19 | 5 | 6 | sw. | Bluewater Development Co. | | | | | |
| Boaz. | Chaves. | 4,154 | 4 | 51.8 | ..... | 78 | 7 | 25 | 5 | 50 | 1.37 | ..... | 0.92 | 0 | 2 | 2 | 2 | 7 | sw. | William Horner. | | | | | |
| Capitan. | Lincoln. | 6,345 | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.90 | ..... | 0.2 | 0 | 2 | 21 | 7 | 7 | sw. | Agent E. P. & S. W. R. R. | | | | | |
| Carlsbad. | Eddy. | 3,220 | 18 | 55.5 | + 3.1 | 83 | 12 | 27 | 5 | 49 | 1.21 | + 0.48 | 0.54 | 0 | 4 | 14 | 6 | 10 | se. | U. S. Reclamation Service. | | | | | |
| Carrizozo. | Lincoln. | 5,438 | 4 | 48.4 | ..... | 72 | 9 | 28 | 67 | 40 | 0.74 | ..... | 0.44 | 0 | 3 | 18 | 8 | 4 | e. | Agent E. P. & S. W. R. R. | | | | | |
| Cerrillos (near). | Santa Fe. | 5,700 | 1 | 44.9 | ..... | 70 | 7 | 21 | 11 | 48 | 0.60 | ..... | 0.31 | T. | 15 | 14 | 1 | 1 | w. | Irving C. Sweet. | | | | | |
| Cloudcroft. | Rio Arriba. | 7,851 | 15 | 37.2 | + 0.2 | 64 | 10 | 15 | 29 | 37 | 2.65 | + 1.34 | 0.90 | 11.0 | 9 | 16 | 14 | 0 | sw. | Frank C. Johnson. | | | | | |
| Otero. | do. | 8,650 | 11 | 38.7 | + 2.8 | 60 | 7 | 20 | 35 | 51 | 1.42 | - 0.13 | 0.50 | 12.1 | 4 | 7 | 13 | 10 | nw. | Agent E. P. & S. W. R. R. | | | | | |
| Cofons. | Lincoln. | 6,666 | 4 | 46.6 | ..... | 68 | 11 [†] | 22 | 4 | 38 | 0.55 | ..... | 0.40 | 8.0 | 3 | 9 | 21 | 0 | sw. | Do. | | | | | |
| Coyote. | do. | 5,800 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.85 | ..... | 0.28 | 0 | 7 | 23 | 6 | 6 | w. | Juan Villij. | | | | | |
| Cundiyo. | Santa Fe. | 6,889 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.10 | ..... | 0.40 | 2.1 | 4 | 16 | 8 | 6 | w. | W. F. Calhoun. | | | | | |
| Demonstration Farm. | San Miguel. | 6,800 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.01 | ..... | 0.39 | 0 | 3 | ..... | ..... | ..... | ..... | P. H. Lewis. | | | | | |
| Dunlap. | Chaves. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | A. J. Evans. | | | | | |
| Durango. | Torrance. | 6,272 | 4 | 46.4 | ..... | 67 | 10 | 24 | 4 | 39 | 0.51 | ..... | 0.80 | 3.0 | 4 | 18 | 9 | 3 | w. | Agent E. P. & S. W. R. R. | | | | | |
| Elida. | Otero. | 4,345 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.50 | ..... | 1.50 | 0 | 1 | 22 | 5 | 3 | w. | Agent E. P. & S. W. R. R. | | | | | |
| Escondido. | do. | 4,014 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.08 | + 0.30 | 0.48 | 0 | 4 | 19 | 1 | 10 | sw. | Mrs. E. Mc Bride. | | | | | |
| Espanola. | Rio Arriba. | 5,590 | 15 | 44.4 | + 4.9 | 68 | 8 | 22 | 30 | 42 | 1.52 | + 0.82 | 0.75 | 4.2 | 6 | 16 | 8 | 6 | w. | Estancia Drug Co. | | | | | |
| Estancia. | Torrance. | 6,140 | 8 | 44.4 | ..... | 73 | 9 | 20 | 29 | 50 | 1.76 | ..... | 0.60 | T. | 6 | 16 | 8 | 6 | w. | Frank P. Davis. | | | | | |
| Fluorine. | Socorro. | 7,000 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | U. S. Sanitarium. | | | | | |
| Fort Stanton. | Lincoln. | 6,231 | 36 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Peter Yockey. | | | | | |
| Fort Sumner. | Guadalupe. | 3,960 | 5 | 49.0 | ..... | 75 | 61 | 23 | 10 | 60 | 1.75 | + 0.92 | 0.66 | 0 | 9 | 17 | 6 | 7 | s. | Agent E. P. & S. W. R. R. | | | | | |
| Gallinas. | Lincoln. | 6,635 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.32 | ..... | 0.75 | 2.0 | 4 | 17 | 10 | 4 | w. | Agent E. P. & S. W. R. R. | | | | | |
| Gallinas Planting Sta. | San Miguel. | 7,500 | 6 | 42.8 ^b | ..... | 73 ^a | 18 | 20 ^b | 30 | 43 ^b | 0.52 | ..... | 0.33 | 4.0 | 4 | 22 | 3 | 5 | e. | U. S. Forest Service. | | | | | |
| Glorietas Ranch. | Socorro. | 6,300 | 3 | 51.0 | ..... | 78 | 7 | 23 | 29 | 31 | 1.67 | ..... | 0.56 | 0 | 7 | 13 | 12 | 5 | s. | Chas. M. Crossman. | | | | | |
| Harveys Upper Ranch. | San Miguel. | 9,400 | 8 | 37.8 | ..... | 57 | 18 | 18 | 4 | 32 | 1.19 | ..... | 0.48 | 17.0 | 5 | 16 | 7 | 7 | w. | R. B. Shoemaker. | | | | | |
| Hermosa. | Sierra. | 5,412 | 8 | ..... | ..... | 60 | 27 | 18 | 5 | 47 | 4.00 | ..... | 1.75 | 0 | 4 | 14 | 7 | 9 | sw. | W. H. Macdonald. | | | | | |
| Hobbs. | Eddy. | 3,800 | 1 | 51.7 | ..... | 78 | 6 | 21 | 9 | 47 | 1.43 | ..... | 0.59 | 0 | 8 | 14 | 8 | 8 | sw. | E. H. Byers. | | | | | |
| Hondo Reservoir. | Chaves. | 3,904 | 4 | 51.3 | ..... | 84 | 6 | 23 | 5 | 57 | 1.03 | ..... | 0.81 | 0 | 4 | 15 | 8 | 7 | se. | U. S. Reclamation Service. | | | | | |
| Jemez Springs. | Sandoval. | 6,100 | 3 | 43.5 | ..... | 63 | 6 | 26 | 29 | 31 | 2.08 | ..... | 0.55 | 0 | 6 | 10 | 6 | 12 | sw. | Mrs. L. L. Shields. | | | | | |
| Knowles (near). | Eddy. | 4,300 | 3 | 51.8 | ..... | 79 | 13 | 27 | 5 | 44 | 1.56 | ..... | 0.55 | 0 | 6 | 12 | 6 | 12 | w. | J. W. Mosley. | | | | | |
| Laguna. | Valencia. | 5,840 | 8 | 45.6 | ..... | 75 | 9 | 24 | 12 ^a | 46 | 0.28 | - 0.53 | 0.28 | T. | 1 | ..... | ..... | ..... | ..... | Guss Weiss. | | | | | |
| Lake Valley. | Guadalupe. | 4,310 | 8 | 54.0 | ..... | 80 | 11 [†] | 27 | 9 | 47 | 0.85 | ..... | 0.70 | 0 | 2 | 18 | 5 | 7 | se. | P. A. Turnbull. | | | | | |
| Lanark. | Dona Ana. | 4,156 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.55 | - 0.07 | 0.50 | 0 | 5 | 16 | 8 | 6 | sw. | William Kell. | | | | | |
| Los Lunas (near). | Otero. | 6,385 | 26 | 43.2 | + 2.7 | 70 | 10 [†] | 16 | 4 | 47 | 0.63 | - 0.12 | 0.35 | 0.5 | 4 | 14 | 5 | 5 | w. | Mrs. J. K. Boyd. | | | | | |
| Magdalena. | do. | 4,900 | 24 | 46.3 | + 4.1 | 73 | 7 | 23 | 10 ^b | 45 | 1.04 | + 0.57 | 0.33 | 0 | 6 | 10 | 19 | 1 | 1 | sw. | Agent S. Pac. R. R. | | | | |
| Mescalero. | Socorro. | 6,556 | 2 | 45.2 | ..... | 68 | 7 | 25 | 29 | 33 | 1.36 | + 0.47 | 0.38 | T. | 7 | 15 | 12 | 2 | w. | Richard Pohl. | | | | | |
| Mineral Hill. | Otero. | 6,627 | 2 | 43.5 | ..... | 70 | 7 | 20 | 21 | 38 | 1.89 | ..... | 0.91 | 1.6 | 5 | 21 | 4 | 5 | sw. | William Pender. | | | | | |
| Monterey. | San Miguel. | 7,050 | 8 | | | | | | | | 1.72 | | 1.20 | 2.0 | 4 | 5 | 22 | 5 | 3 | sw. | Rev. H. H. Harper. | | | | |
| Moriarty. | Otero. | 4,436 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.47 | ..... | 0.73 | 0 | 5 | 24 | 2 | 4 | ..... | W. M. Nelson. | | | | | |
| Mountainair (near). | do. | 6,390 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.15 | ..... | 0.80 | 7.0 | 5 | 24 | 2 | 4 | ..... | Agent E. P. & S. W. R. R. | | | | | |
| Mountain Park. | Torrance. | 7,100 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.76 | ..... | 0.52 | 2.0 | 7 | 18 | 6 | 8 | w. | Harry J. Flocke. | | | | | |
| Newman. | do. | 3,989 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.16 | ..... | 0.68 | 0 | 4 | 20 | 3 | 7 | se. | Miss Julia Hill. | | | | | |
| Nogal (near). | Lincoln. | 8,000 | 4 | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

TABLE 1.—Climatological data for November, 1913. District No. 8—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | | |
|--------------------------|--------------|------------------|--------------------------|-------------------------------------|----------------------------|-----------------|-----------------|---------|-----------------|---------------------------|--------|----------------------------|-----------------------|--------------------------|------------------------------------------|-----------------------|-------------------------------|------------------------|-----------------|---------------------------|--------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeted. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | |
| <i>New Mexico—Contd.</i> | | | | | | | | | | | | | | | | | | | | | |
| Tecolote. | Lincoln. | 6,539 | 4 | 44.6 | ..... | 64 | 7 | 28 | 31 | 36 | 0.57 | ..... | 0.25 | 0.6 | 7 | 16 | 7 | 7 | W. | Agent E. P. & S. W. R. R. | |
| Three Rivers. | Otaro. | 4,559 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.11 | ..... | 0.56 | 0 | 4 | 22 | 4 | 4 | sw. | Do. | |
| Tijeras Canyon. | Bernalillo. | 6,450 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.58 | ..... | 0.64 | T. | 6 | 13 | 6 | 6 | sw. | U. S. Forest Service. | |
| Torrance. | Torrance. | 6,433 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.63 | ..... | 0.51 | 3.0 | 3 | 11 | 13 | 6 | s. | Agent E. P. & S. W. R. R. | |
| Tres Piedras. | Taos. | 8,076 | 10 | 37.2 | ..... | 62 | 11 | 15 | 30 | 36 | 2.17 | + 1.01 | 0.45 | 15.0 | 6 | 11 | 12 | 7 | sw. | U. S. Forest Service. | |
| Truchas. | Rio Arriba. | 7,935 | 4 | 40.0 | ..... | 72 | 1 | 20 | 6 | 43 | 1.45 | ..... | 0.90 | 12.0 | 5 | 12 | 14 | 4 | s. | Miss T. Esquivel. | |
| Tularosa. | Otero. | 4,436 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.95 | ..... | 0.60 | 8.0 | 2 | 16 | 10 | 4 | sw. | Irby L. Fairless. | |
| Vaughn. | Guadalupe. | 5,952 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.06 | ..... | 0.52 | 5.5 | 6 | 14 | 8 | 8 | s. | Agent E. P. & S. W. R. R. | |
| Virsylvania. | Taos. | 7,500 | 3 | 34.7* | | 70 ¹ | 31 ¹ | 9 | 23 ^b | 52 ¹ | 1.35 | + 4.4 | 1.16 | 0.55 | 15.0 | 4 | 11 | 16 | 3 | sw. | Ernest F. Kennedy. |
| Willard. | Torrance. | 6,086 | 15 | 44.9 | ..... | 71 | 17 | 17 | 30 | 50 | 1.06 | ..... | 0.52 | 5.5 | 6 | 14 | 8 | 8 | sw. | Dr. V. S. Cheyney. | |
| Winsors. | San Miguel. | 8,200 | 17 | 38.6 | + 4.4 | 60 | 57 | 16 | 4 | 43 | 1.45 | ..... | 0.90 | 12.0 | 5 | 12 | 14 | 4 | sw. | James F. Matty. | |
| <i>Texas.</i> | | | | | | | | | | | | | | | | | | | | | |
| Abilene. | Taylor. | 1,738 | 28 | 58.7 | + 6.1 | 78 | 19 | 37 | 9 | 32 | 5.82 | + 4.53 | 1.92 | 0 | 10 | 7 | 6 | 17 | s. | U. S. Weather Bureau. | |
| Albany. | Shackelford. | 1,429 | 19 | 56.5 | + 3.8 | 80 | 12 ¹ | 28 | 10 | 37 | 6.77 | + 5.19 | 2.30 | 0 | 7 | 16 | 4 | 10 | se. | N. L. Bartholomew. | |
| Alice. | Jim Wells. | 209 | 3 | 70.8 | ..... | 85 | 13 ¹ | 36 | 9 | 44 | 1.15 | ..... | 0.90 | 2 | 8 | 4 | 18 | se. | R. M. Boerum. | | |
| Alpine. | Brewster. | 4,482 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.80 | ..... | 0.30 | 0 | 1 | 22 | 0 | 8 | w. | H. B. Cowles. | |
| Alvin. | Brazoria. | 49 | 15 | 63.0 | ..... | 82 | 17 | 36 | 9 | 29 | 2.80 | - 1.34 | 1.90 | 0 | 3 | 11 | 14 | 5 | e. | Alvin Japanese Nursery. | |
| Anahuac. | Chambers. | 23 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.39 | ..... | 1.07 | 0 | 2 | 2 | 2 | 2 | sw. | Lone Star Canal Co. | |
| Angleton. | Brazoria. | 2 | ..... | 65.9 | ..... | 84 | 16 | 37 | 9 | 29 | 4.58 | ..... | 1.96 | 0 | 5 | 2 | 25 | 3 | s. | N. E. Winters. | |
| Antelope. | Jack. | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.30 | ..... | 1.64 | 0 | 6 | 8 | 7 | 20 | sw. | Paul Rudolph. | |
| Aspermont. | Stonewall. | 2 | ..... | 55.6 | + 7.4 | 82 | 22 | 40 | 9 | 33 | 4.02 | ..... | 1.57 | 0 | 3 | 8 | 2 | 20 | sw. | Bryant Link Co. | |
| Austin. | Travis. | 583 | 57 | 65.6 | + 7.4 | 82 | 22 | 40 | 9 | 33 | 4.56 | + 2.03 | 2.00 | 0 | 8 | 7 | 8 | 15 | se. | A. Deussen. | |
| Ballinger. | Runnels. | 1,637 | 17 | 60.1 | + 5.6 | 87 | 13 | 34 | 9 | 37 | 8.75 | + 7.33 | 4.00 | 0 | 9 | 8 | 1 | 21 | s. | E. M. Eubank. | |
| Barstow. | Ward. | 2,573 | 6 | 54.4 | ..... | 86 | 13 ¹ | 29 | 8 | 46 | 0.85 | ..... | 0.45 | 0 | 2 | 14 ^b | 8 ^b | 8 ^b | se. | F. P. Ingerson. | |
| Bay City. | Matagorda. | 53 | 3 | 63.4 | ..... | 80 | 43 | 10 | 29 | 29 | 3.69 | ..... | 3.69 | 0 | 3 | 17 | 0 | 13 | se. | E. Q. Quereau. | |
| Beaumont. | Jefferson. | 29 | 12 | 67.8 | + 2.9 | 85 | 16 ¹ | 43 | 9 | 30 | 5.17 | + 1.16 | 3.02 | 0 | 4 | 20 | 0 | 10 | se. | John Bender. | |
| Beeville. | Bee. | 225 | 17 | 69.9 | + 6.8 | 86 | 16 | 42 | 10 | 37 | 3.97 | + 1.69 | 1.61 | 0 | 10 | 6 | 2 | 22 | se. | Geo. E. Faupel. | |
| Big Spring. | Howard. | 2,396 | 15 | 56.8 | + 3.2 | 81 | 12 | 31 | 9 | 40 | 1.89 | + 0.44 | 0.57 | 0 | 8 | 9 | 9 | 12 | s. | B. Reagan. | |
| Blanco. | Blanco. | 1,350 | 17 | 65.8 | + 8.8 | 87 | 21 | 33 | 10 | 41 | 4.92 | + 2.69 | 1.10 | 0 | 10 | 14 | 8 | 8 | s. | R. C. Crist. | |
| Boerne. | Kendall. | 1,412 | 21 | 62.6 | + 5.7 | 84 | 7 | 31 | 8 ^b | 45 | 8.03 | + 5.31 | 2.11 | 0 | 16 | 7 | 9 | 14 | s. | F. W. Schweppe. | |
| Bowie. | Fort Bend. | 81 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.34 | + 1.10 | 1.70 | 0 | 5 | 19 | 0 | 11 | se. | T. R. Booth. | |
| Brownsville. | Montague. | 1,113 | 18 | 60.4 | + 5.6 | 80 | 13 ¹ | 35 | 10 | 34 | 6.64 | + 4.16 | 2.30 | 0 | 9 | 8 | 3 | 19 | s. | Craig Anderson. | |
| Brazos. | Brazoria. | 26 | 28 | 68.2 | + 5.4 | 84 | 16 | 39 | 9 | 39 | 6.93 | + 3.11 | 3.59 | 0 | 9 | 21 | 5 | 4 | se. | Mrs. M. A. Stevens. | |
| Brenham. | Palo Pinto. | 801 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.25 | ..... | 2.00 | 0 | 6 | 10 | 0 | 20 | s. | L. W. Boyett. | |
| Bridgeport. | Wise. | 754 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.31 | ..... | 2.10 | 0 | 10 | 8 | 3 | 19 | se. | Mrs. B. F. Sloan. | |
| Brighton. | Nueces. | 12 | 20 | 74.9 | + 8.5 | 92 | 26 | 37 | 10 | 47 | 1.29 | - 1.06 | 0.60 | 0 | 4 | 19 | 9 | 21 | n. | Claude Strange. | |
| Brownsville. | Cameron. | 38 | 49 | 71.7 | + 4.2 | 85 | 4 | 44 | 10 | 33 | 0.64 | - 1.56 | 0.58 | 0 | 2 | 2 | 2 | 2 | se. | G. H. Ritter. | |
| Brownwood. | Brown. | 1,342 | 21 | 61.1 | + 7.8 | 82 | 21 | 33 | 8 | 43 | 9.83 | + 8.20 | 2.90 | 0 | 11 | 10 | 2 | 18 | s. | U. S. Weather Bureau. | |
| Bryan. | Brazos. | 1 | ..... | 65.9 | ..... | 83 | 15 | 40 | 9 | 34 | 4.59 | ..... | 1.35 | 0 | 6 | 6 | 11 | 13 | s. | Mrs. Pearl Smith. | |
| Buena Vista. | Pecos. | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.36 | ..... | 0.73 | 0 | 4 | 19 | 0 | 11 | se. | Jno. Daly, Jr. | |
| Cameron. | Milam. | 5 | 66.1 | ..... | ..... | 85 | 15 | 37 | 8 | 34 | 4.73 | ..... | 1.56 | 0 | 10 | 20 | 3 | 7 | s. | W. H. Denis. | |
| Carmona. | Polk. | 330 | 5 | 63.7 | ..... | 81 | 16 ¹ | 30 | 10 | 45 | 2.23 | ..... | 1.80 | 0 | 4 | 9 ^a | 3 ^a | 16 | se. | J. E. Watts. | |
| Carizzo Springs. | Dimmit. | 1 | 67.6 | ..... | ..... | 85 | 27 | 36 | 10 | 42 | 1.70 | ..... | 0.65 | 0 | 3 | 14 | 0 | 16 | se. | M. S. Spitzer. | |
| Claytonville. | Fisher. | 2,100 | 18 | 57.6 | + 4.9 | 80 | 10 | 38 | 9 | 33 | 3.15 | + 1.02 | 1.02 | 0 | 6 | 11 | 3 | 16 | s. | M. E. Cook. | |
| Cleburne. | Johnson. | 758 | 2 | 68.1 | ..... | 83 | 21 | 35 | 9 | 34 | 5.06 | ..... | 2.37 | 0 | 9 | 9 | 2 | 19 | s. | Wm. Lenius. | |
| Clifton. | Bosque. | 671 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.59 | ..... | 2.48 | 0 | 11 | 7 | 13 | 10 | s. | W. S. Ownsby. | |
| Coleman. | Coleman. | 1,710 | 19 | 61.8 | + 7.1 | 82 | 17 ¹ | 36 | 10 | 39 | 10.10 | + 8.50 | 4.01 | 0 | 10 | 9 | 5 | 16 | s. | R. M. Jones. | |
| College Station. | Brazos. | 308 | 23 | 65.1 | + 6.7 | 82 | 16 ¹ | 40 | 24 ¹ | 35 | 4.74 | + 0.90 | 1.22 | 0 | 14 | 6 | 5 | 19 | s. | Prof. G. S. Fraps. | |
| Colorado. | Mitchell. | 2,066 | 19 | 65.2 | + 11.4 | 86 | 5 | 36 | 27 | 38 | 2.75 | + 1.28 | 1.90 | 0 | 2 | 2 | 2 | 2 | se. | R. M. Webb. | |
| Columbus. | Colorado. | 206 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.84 | ..... | 1.40 | 0 | 10 | 9 | 5 | 16 | ne. | Mrs. Sophie Bridge. | |
| Comanche. | Comanche. | 1,358 | 7 | 62.8 | ..... | 80 | 12 ¹ | 40 | 9 ¹ | 31 | 10.19 | ..... | 2.00 | 0 | 12 | 10 | 3 | 17 | s. | W. T. Nabers. | |
| Corpus Christi. | Nueces. | 20 | 26 | 69.0 | + 5.6 | 80 | 7 | 46 | 10 | 32 | 2.32 | - 0.09 | 2.07 | 0 | 5 | 4 | 16 | 16 | s. | U. S. Weather Bureau. | |
| Corsicana. | Navarro. | 445 | 24 | 61.8 | + 5.8 | 80 | 10 ¹ | 38 | 10 ¹ | 37 | 2.92 | - 0.34 | 1.10 | 0 | 7 | 9 | 2 | 19 | s. | D. H. Winn. | |
| Cotulla. | La Salle. | 425 | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.10 | ..... | 1.50 | 0 | 4 | 7 | 11 | 12 | s. | Holland Agricultural Co. | |
| Crockett. | Houston. | 350 | 9 | 65.8 | ..... | 82 | 22 | 37 | 9 ¹ | 33 | 2.40 | ..... | 1.90 | 0 | 4 | 16 | 9 | 5 | s. | A. M. Rancher. | |
| Cuero. | DeWitt. | 177 | 23 | 69.1 | + 6.7 | 87 | 25 | 37 | 9 | 47 | 6.65 | + 3.61 | 2.49 | 0 | 9 | 16 | 2 | 12 | s. | H. R. Frobose. | |
| Dallas. | Dallas. | 466 | 24 | 62.9 | + 8.3 | 80 | 21 | 36 | 10 | 33 | 3.75 | + 0.79 | 1.94 | 0 | 12 | 5 | 11 | 14 | se. | U. S. Weather Bureau. | |
| Danevang. | Wharton. | 145 | 17 | 66.5 | + 3.5 | 85 | 17 | 38 | 1 | 32 | 4.70 | + 0.80 | 2.45 | 0 | 3 | 22 | 4 | 4 | e. | H. P. Hermansen. | |
| Del Rio. | Valverde. | 952 | 7 | 63.4 | + 4.1 | 80 | 16 | 35 | 9 | 40 | 4.64 | + 2.76 | 2.33 | 0 | 11 | 7 | 8 | 15 | se. | U. S. Weather Bureau. | |
| Denton. | Denton. | 621 | 5 | 59.4 | ..... | 81 | 22 | 31 | 10 | 36 | 5.81 | ..... | 3.25 | 0 | 10 | 8 | 5 | 17 | s. | T. W. Buell. | |
| Devine. | Medina. | 653 | 3 | 65.4 | ..... | 84 | 16 ¹ | 36 | 6 | 34 | 5.23 | ..... | 2.20 | 0 | 8 | 13 | 6 | 11 | s. | M. A. Keller. | |
| Dialville. | Cherokee. | 575 | 3 | 63.8 | + 5.7 | 82 | 22 | 33 | 5 ¹ | 44 | 1.30 | - 1.32 | 1.20 | 0 | 2 | 7 | 11 | 12 | s. | J. M. B. McKnight. | |
| Dillie. | Frio. | 569 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.00 | ..... | 0 | 1 | 7 | 7 | 16 | s. | John W. Miller. | | |
| Dublin. | Erath. | 1,466 | 17 | 58.9 | + 3.5 | 88 | 21 | 34 | 9 | 41 | 8.65 | + 6.87 | 2.25 | 0 | 10 | 7 | 7 | 16 | s. | Jno. O. Shafer. | |
| Duval. | Travis. | 820 | 24 | 64.5 | + 4.4 | 80 | 21 | 41 | 1 | 30 | 6.17 | + 3.08 | 2.93 | 0 | 6 | 14 | 5 | 11 | s. | J. C. Edgar. | |
| Eagle Pass. | Maverick. | 800 | 38 | 65.6 | + 4 | | | | | | | | | | | | | | | | |

TABLE 1.—Climatological data for November, 1913. District No. 8—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | |
|-------------------------|--------------|------------------|--------------------------|-------------------------------------|----------------------------|----------------|---------------|-----------------------|--------|----------------------------|-----------------------|-----------------------------|------------------------------------------|-----------------------|-------------------------------|------------------------|----------------------------|--------------------------|-----------------------|
| | | | | Mean. | Departure from the normal. | Highest. Date. | Lowest. Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | |
| Texas—Continued. | | | | | | | | | | | | | | | | | | | |
| Grapevine. | Tarrant. | 670 | 23 | 62.0° | + 5.8 | 89 21 | 37 10 | 39 | 6.27 | + 3.63 | 4.25 | 0 | 5 | 3* | 8* | 14* | s. | W. J. Crowley. | |
| Greenville. | Hunt. | 550 | 13 | 62.7 | + 6.5 | 80 17† | 37 1 | 34 | 2.80 | - 0.73 | 1.20 | 0 | 8 | 5 | 0 | 25 | n. | Mrs. L. A. Regan. | |
| Hallettsville. | Lavaca. | 235 | 21 | 67.3 | + 5.5 | 85 4 | 41 9 | 28 | 5.26 | + 2.26 | 1.40 | 0 | 5 | 8 | 10 | 7 | s. | Dr. J. E. Lay. | |
| Hamlin. | Jones. | 1,685 | 2 | 71.6 | — | 89 29 | 41 10 | 36 | 5.42 | — | 1.52 | 0 | 5 | 8 | 10 | 1 | se. | W. S. Carruthers. | |
| Harlingen. | Cameron. | 37 | 2 | — | — | — | — | — | 6.01 | — | 0.10 | 0 | 8 | 19 | 10 | 1 | se. | Lindsay Waters. | |
| Harper. | Gillespie. | — | — | — | — | — | — | — | — | — | 1.96 | 0 | 6 | 11 | 9 | 19 | s. | D. C. Barker. | |
| Haskell. | Haskell. | 1,553 | 18 | 59.5 | + 6.0 | 82 20 | 40 1† | 25 | 4.41 | + 2.94 | 1.14 | 0 | 7 | 10 | 1 | 19 | s. | P. D. Sanders. | |
| Hebronville. | Duval. | 6 | — | — | — | — | — | — | — | — | 0.39 | 0 | 3 | 2 | 13 | 7 | e. | Henry Edds. | |
| Hempstead. | Waller. | 254 | 9 | — | — | — | — | — | — | — | 2.10 | 0 | 5 | 10 | 0 | 20 | e. | J. H. Hancock. | |
| Henderson. | Rusk. | 500 | 4 | — | — | — | — | — | — | — | 1.08 | 0 | 2 | 13 | 10 | 7 | se. | M. Kangerga. | |
| Hewitt. | McLennan. | 664 | 18 | — | — | — | — | — | — | — | 0.39 | 0 | 6 | 9 | 8 | 0 | s. | I. H. Earle. | |
| Hico. | Hamilton. | — | 2 | — | — | — | — | — | — | — | 2.71 | 1.76 | 0 | 9 | 8 | 0 | s. | John A. Eakins. | |
| Hillsboro. | Hill. | 628 | 10 | 63.0 | — | 81 16† | 33 8 | 33 | 3.03 | + 1.26 | 1.20 | 0 | 8 | 2 | 13 | 9 | se. | Thompson & Campbell. | |
| Hondo. | Medina. | 901 | 14 | 65.7 | + 5.2 | 80 13† | 41 9 | 32 | 4.99 | + 3.26 | 2.10 | 0 | 7 | 8 | 13 | 9 | se. | H. B. Haas. | |
| Houston. | Harris. | 138 | 23 | 67.2 | + 6.3 | 82 16 | 43 9 | 26 | 2.31 | — | 1.21 | 1.40 | 0 | 5 | 10 | 0 | se. | U. S. Weather Bureau. | |
| Huntsville. | Walker. | 400 | 29 | 64.3 | + 5.1 | 80 20 | 37 1† | 38 | 2.44 | — | 1.36 | 1.93 | 0 | 2 | 6 | 0 | se. | W. Y. Barr. | |
| Jayton. | Kent. | — | 3 | — | — | — | — | — | — | — | 2.70 | 0 | 0 | 5 | 11 | 12 | s. | Wichita Valley R. R. Co. | |
| Jewett. | Leon. | 496 | 9 | 63.6 | — | 82 18† | 36 11 | 43 | 2.75 | — | 1.30 | 2.27 | 0 | 4 | 12 | 12 | s. | Earle Adkisson. | |
| Junction. | Kimble. | 1,645 | 12 | 63.8 | — | 88 15 | 30 9 | 32 | 7.75 | + 6.27 | 2.25 | 0 | 7 | 7 | 6 | 6 | se. | Judge John S. Durst. | |
| Kaufman. | Kaufman. | 448 | 14 | 63.5 | + 5.7 | 80 22 | 35 10 | 33 | 1.71 | — | 1.34 | 0.79 | 0 | 4 | 9 | 15 | s. | B. J. Hubbard. | |
| Karmit. | Winkler. | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | se. | W. A. Preist. | |
| Kerrville. | Kerr. | 1,650 | 17 | 63.2 | + 5.8 | 85 8† | 29 10 | 47 | 6.27 | + 3.29 | 2.12 | 0 | 8 | 5 | 12 | 13 | s. | Robert E. Horne. | |
| Knickerbocker. | Tom Green. | 2,060 | 9 | 60.8 | — | 85 22 | 32 3 | 44 | 4.56 | — | 2.35 | 0 | 8 | 14 | 9 | 7 | s. | Jos. Tweedy. | |
| Koppet. | Bosque. | 576 | 16 | — | — | — | — | — | — | 6.70 | + 3.85 | 3.10 | 0 | 6 | 8 | 5 | 17 | se. | T. A. Johnson. |
| Lagrange. | Fayette. | 278 | 3 | — | — | — | — | — | — | — | 1.08 | 0 | 14 | 11 | 5 | 14 | se. | August Hermes. | |
| Lamesa. | Dawson. | 2,500 | 3 | — | — | — | — | — | — | — | 1.90 | 0 | 4 | 4 | 12 | 6 | s. | S. D. Austin. | |
| Lampasas. | Lampasas. | 1,026 | 21 | 63.5 | + 7.1 | 83 22 | 32 1 | 38 | 6.71 | + 4.56 | 1.68 | 0 | 8 | 13 | 0 | 17 | s. | Mrs. K. I. Webber. | |
| Lapara. | Willacy. | 38 | 11 | — | — | — | — | — | — | 1.25 | — | 0.76 | 0 | 3 | — | — | — | se. | John G. Kennedy. |
| Laredo. | Wabb. | 421 | — | — | — | — | — | — | — | — | 1.10 | 0 | 0 | 5 | — | — | — | — | Elizabeth C. Gilmore. |
| Laureles Ranch. | Neuces. | 20 | 13 | — | — | — | — | — | — | 0.52 | — | 1.80 | 0 | 5 | — | 1 | — | — | Matt Cody. |
| Liberty. | Liberty. | 38 | 9 | 66.3 | — | 87 11 | 36 2 | 38 | 4.28 | — | 1.90 | 0 | 5 | 15 | 6 | 9 | se. | Mrs. Fannie Sneed. | |
| Llano. | Llano. | 1,040 | 22 | 63.4 | + 5.6 | 82 7† | 39 9† | 35 | 6.03 | + 4.70 | 2.50 | 0 | 9 | 5 | 16 | 9 | ne. | E. W. Torrence. | |
| Llano Grande. | Hidalgo. | 86 | 5 | 69.0 | — | 87 3† | 36 9 | 45 | 0.89 | — | 0.74 | 0 | 7 | 22 | 1 | — | se. | M. D. Wardlow. | |
| Long Lake. | Anderson. | 229 | 5 | — | — | — | — | — | — | 2.05 | — | 1.00 | 0 | 3 | 10 | 4 | 16 | s. | Geo. W. Ellis. |
| Longview. | Gregg. | 336 | 27 | 62.4 | + 6.1 | 79 17† | 33 10 | 40 | 1.19 | — | 2.91 | 0.78 | 0 | 3 | 19 | 0 | 11 | se. | C. A. Propst. |
| Lubbock. | Lubbock. | 2,750 | 2 | 53.6 | — | 84 7 | 31 8 | 42 | 1.64 | — | 0.58 | 0 | 9 | 13 | 5 | 12 | sw. | V. L. Cory. | |
| Lufkin. | Angelina. | 325 | 6 | 64.8 | — | 82 21 | 32 10 | 41 | 1.86 | — | 1.85 | 0 | 2 | 23 | 2 | 5 | s. | T. A. King. | |
| Luling. | Caldwell. | 418 | 24 | 67.6 | + 7.4 | 83 21 | 40 9 | 34 | 5.94 | + 3.82 | 2.55 | 0 | 13 | 6 | 12 | 12 | s. | John Carter. | |
| McGregor. | McLennan. | 713 | 3 | — | — | — | — | — | — | 5.80 | — | 1.85 | 0 | 4 | 23 | 0 | 7 | s. | W. H. Whitley. |
| McKinney. | Collin. | 612 | 11 | 62.4 | — | 81 21† | 33 10 | 38 | 4.77 | + 1.59 | 1.82 | 0 | 9 | 5 | 4 | 21 | s. | H. Killingsworth. | |
| Marathon. | Brewster. | 4,043 | 3 | 54.2 | — | 80 7 | 31 30 | 40 | 0.42 | — | 0.32 | 0 | 2 | 20 | 6 | 4 | e. | Rev. A. P. Willis. | |
| Marble Falls. | Burnett. | 771 | — | — | — | — | — | — | — | 4.50 | — | 1.00 | 0 | 7 | 11 | 0 | 19 | s. | M. M. Berry. |
| Maria. | Presidio. | — | 5 | — | — | — | — | — | — | — | 0.15 | — | 0 | 1 | — | — | — | — | W. L. Jones. |
| Marshall. | Harrison. | 375 | 12 | 63.2 | — | 87 21 | 29 10 | 36 | 1.12 | — | 1.96 | 0.88 | 0 | 2 | 6 | 17 | 7 | s. | Lee Scott. |
| Matagorda. | Matagorda. | 12 | 3 | — | — | — | — | — | — | — | 4.12 | 0 | 0 | 5 | 3 | 4 | s. | W. E. McNabb. | |
| Mexia. | Limestone. | 537 | 9 | 62.5 | — | 81 22 | 38 1† | 36 | 2.99 | — | 1.10 | 0 | 6 | 6 | 13 | 11 | s. | Isidore Newman. | |
| Midland. | Midland. | 10 | 55.2 | — | — | 80 12 | 32 9 | 42 | 4.49 | + 3.94 | 1.83 | 0 | 7 | 4 | 10 | 13 | se. | A. G. Graham. | |
| Mission. | Hidalgo. | 140 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Roy Conway. |
| Mont Belvieu. | Chambers. | 65 | 3 | — | — | — | — | — | — | 2.19 | — | 1.48 | 0 | 5 | 10 | 11 | 2 | s. | A. R. Shaeroff. |
| Monteola. | Uvalde. | — | 1 | — | — | — | — | — | — | 7.32 | — | 2.16 | 0 | 12 | 6 | 5 | 19 | s. | J. H. Blackford. |
| Mount Blanco. | Crosby. | 2,750 | 24 | 53.1 | + 3.8 | 78 12 | 32 9 | 38 | 4.16 | + 2.80 | 2.00 | 0 | 3 | 12 | 3 | 15 | sw. | W. T. Mann. | |
| Nacogdoches. | Nacogdoches. | 271 | 14 | 63.0 | + 4.6 | 81 22 | 31 10 | 43 | 2.75 | — | 1.79 | 1.42 | 0 | 3 | 17 | 11 | 2 | s. | S. M. Davis. |
| New Braunfels. | Comal. | 720 | 24 | 66.0 | + 6.6 | 81 16† | 41 9 | 32 | 6.00 | + 4.41 | 3.08 | 0 | 8 | 7 | 17 | 6 | s. | C. H. Pease. | |
| Palestine. | Anderson. | 510 | 31 | 64.4 | + 7.5 | 81 22 | 41 9 | 29 | 1.23 | — | 2.40 | 0.69 | 0 | 7 | 10 | 7 | 13 | s. | J. Giesecke. |
| Panter. | Hood. | 1,000 | 24 | — | — | — | — | — | — | 7.63 | + 5.30 | 2.00 | 0 | 10 | — | — | — | — | U. S. Weather Bureau. |
| Pearall. | Frio. | 629 | 3 | — | — | — | — | — | — | 4.96 | — | 3.71 | 0 | 5 | — | — | — | — | E. H. Snider. |
| Pierce. | Wharton. | 102 | 7 | 60.4 | — | 83 23 | 48 1 | 26 | 7.23 | — | 2.08 | 0 | 6 | 7 | 0 | 23 | s. | Earnest De Vilbiss. | |
| Plainview. | Hale. | 8,370 | 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | J. F. Pointer. |
| Port Lavaca. | Calhoun. | 20 | — | — | — | — | — | — | — | 2.59 | — | 0.80 | 0 | 7 | 8 | 4 | 18 | s. | J. F. Sander. |
| Post. | Garza. | 2,700 | 3 | — | — | — | — | — | — | 7.25 | — | 2.50 | 0 | 6 | 13 | 0 | 17 | s. | W. T. Mann. |
| Putnam. | Callahan. | 1,591 | 2 | — | — | — | — | — | — | — | 1.33 | 0 | 6 | 11 | 14 | 5 | s. | S. M. Davis. | |
| Raymondville. | Cameron. | 2 | 70.8 | — | — | 88 21† | 34 10 | 46 | 2.01 | — | 1.80 | 0 | 2 | 12 | 6 | 12 | s. | C. H. Pease. | |
| Ricardo. | Neuces. | 57 | 4 | 70.0 | — | 88 23 | 35 9† | 46 | 1.33 | — | 0.80 | 0 | 3 | 12 | 10 | 8 | s. | J. S. Lehman. | |
| Rio Grande. | Star. | 36 | — | — | — | — | — | — | — | 1.60 | + 0.77 | 0.90 | 0 | 3 | 12 | 10 | 8 | s. | D. N. Garza. |
| Riverside. | Walker. | 169 | 9 | — | — | — | — | — | — | 2.00 | — | 1.85 | 0 | 2 | 14 | 0 | 16 | s. | Mrs. C. W. Higdon. |
| Rockland. | Tyler. | 136 | 9 | — | — | — | — | — | — | 2.78 | — | 0.80 | 0 | 3 | 8 | 8 | 14 | s. | Mack Dunkin. |
| Rockport**. | Aansas. | 12 | 12 | 68.8 | + 5.2 | 78 12† | 45 10 | 23 | 1.76 | — | 1.16 | 1.40 | 0 | 4 | 13 | 14 | 3 | e. | Mrs. G. B. Grewe. |
| Rosselle. | Atascosa. | 558 | 6 | 64.8 | — | 78 7† | 37 8 | 37 | 5.70 | — | 3.25 | 0 | 3 | 13 | 10 | 7 | s. | W. F. M. Ross. | |
| Runge. | Karnes. | 308 | 18 | — | — | — | — | — | — | 3.98 | + 1.91 | 1.51 | 0 | 3 | 13 | 13 | 7 | s. | Reiffert & Frobose. |
| Sabinal. | Uvalde. | 964 | 9 | 65.8 | — | 81 18† | 36 8 | 29 | 4.29 | — | 2.43 | 0 | 7 | 15 | 5 | 10 | s. | H. W. Reilly. | |
| Salado. | Bell. | — | 3 | — | — | — | — | — | — | 5.45 | — | 2.45 | 0 | 5 | 9 | 6 | 15 | s. | L. M. Crockett. |
| San Angelo. | Tom Green. | 1,847 | | | | | | | | | | | | | | | | | |

TABLE 1.—*Climatological data for November, 1911. District No. 8—Continued.*

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | Sky. | | Observers. | |
|-------------------------|----------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|------------------------------------------|-----------------------|--------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | |
| <i>Texas—Continued.</i> | | | | | | | | | | | | | | | | | |
| Valley Junction..... | Robertson..... | 289 | 13 | 67.2 | + 2.4 | 85 | 22† | 41 | 9 | 36 | 4.30 | + 1.00 | 1.55 | 0 | 4 | 13 | s. |
| Victoria..... | Victoria..... | 187 | 14 | 67.2 | + 5.3 | 80 | 21 | 40 | 17 | 32 | 5.32 | + 2.65 | 2.35 | 0 | 4 | 8 | s. |
| Waco..... | McLennan..... | 424 | 24 | 63.2 | + 9.5 | 82 | 21 | 32 | 10 | 40 | 2.70 | - 0.22 | 1.30 | 0 | 4 | 22b | A. E. Howell. |
| Waxahachie..... | Ellis..... | 556 | 16 | 65.2 | + 4.6 | 79 | 21† | 35 | 10 | 34 | 6.64 | + 4.71 | 2.16 | 0 | 12 | 11 | W. A. Ownby. |
| Weatherford..... | Parker..... | 884 | 24 | 59.9 | + 4.6 | 79 | 21† | 35 | 10 | 39 | 1.28 | - | 0.70 | 0 | 2 | 8 | Miss J. Stickfort. |
| Wills Point..... | Van Zandt..... | 524 | 8 | 61.6 | - | 83 | 21 | 35 | 10 | 39 | 7.30 | - | 2.60 | 0 | 7 | 14 | W. W. Gibbard. |
| Winters..... | Rummels..... | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | Ed. P. Eason. |

*, †, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

24290—14—7

TABLE 2.—*Daily precipitation for November, 1913. District No. 8, Texas and Rio Grande Valley.*

| Stations. | Watershed. | Day of month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total. | | |
|---------------------------------|-------------|---------------|------|------|-----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | |
| <i>Colorado.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bianca. | Rio Grande. | | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.18 |
| Cumbres. | do. | | T. | 1.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.96 | |
| Garnett. | do. | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.53 | |
| La Veta Pass. | do. | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.70 | |
| Manassa. | do. | | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.62 | |
| Piatoro. | do. | .01 | .58 | .07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.06 | |
| Saguache. | do. | | 20 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.30 | |
| San Luis. | do. | | 43 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.74 | |
| Wagon Wheel Gap Experiment Sta. | do. | T. | 14 | .56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.85 | |
| <i>New Mexico.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agricultural College. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.80 |
| Alamogordo (near). | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.90 |
| Alamogordo. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.68 |
| Alamos Ranch. | do. | | 80 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.18 | |
| Albuquerque. | do. | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.69 | |
| Ancho. | do. | | 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.04 | |
| Anchor Mine. | do. | * | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.93 | |
| Artesia. | Pecos. | | T. | .09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.88 | |
| Aspen Grove Ranch. | Rio Grande. | | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.01 | |
| Batemans Ranch. | do. | | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.15 | |
| Bluewater. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.92 | |
| Boaz. | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.37 | |
| Capitan. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.22 | |
| Carlsbad. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.21 | |
| Carrizozo. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.74 | |
| Cerrillos (near). | do. | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.60 | |
| Chama. | do. | | 90 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.65 | |
| Cloudcroft. | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.42 | |
| Corona. | do. | * | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.55 | |
| Coyote. | Rio Grande. | | 14 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.01 | |
| Cundiyo. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.51 | |
| Demonstration Farm. | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.50 | |
| Duran. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.08 | |
| Escondido. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.52 | |
| Espanola. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.52 | |
| Estancia. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.52 | |
| Fluorine. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.76 | |
| Fort Sumner. | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.32 | |
| Gallinas. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.52 | |
| Gallinas Planting Station. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.52 | |
| Glorietta Ranch. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.67 | |
| Haroys Upper Ranch. | Pecos. | T. | | 44 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.19 | |
| Hermosa. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.00 | |
| Hobbs. | Pecos. | | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.43 | |
| Hondo Reservoir. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.03 | |
| Jemez Springs. | Rio Grande. | | 1.00 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.08 | | |
| Knowles (near). | Pecos. | | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.56 | |
| Laguna. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.28 | |
| Lakewood (near). | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.85 | |
| Lamar. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.55 | |
| Las Vegas. | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.63 | |
| Los Lunas (near). | Rio Grande. | | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.04 | |
| Magdalena. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.36 | |
| Mescalero. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.89 | |
| Mineral Hill. | Pecos. | | 07 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.72 | | |
| Monterey. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.47 | | |
| Moriarty. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.15 | | |
| Mountain Park. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.76 | | |
| Newman. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.16 | | |
| Nogal (near). | Pecos. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.18 | | |
| Noria. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.42 | | |
| Orogrande. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.53 | | |
| Oscuro. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.99 | | |
| Otis. | Pecos. | T. | | 58 | .11 | | | | | | | | | | | | | | | | | | | | | | | | | | 1.15 | | |
| Pastura. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.89 | | |
| Red River Canyon. | Rio Grande. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2.—*Daily precipitation for November, 1913. District No. 8—Continued.*

TABLE 2.—*Daily precipitation for November, 1913. District No. 8—Continued.*

*Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
 Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for November, 1913. District No. 8, Texas and Rio Grande Valley.

| Date. | Colorado. | | | | New Mexico. | | | | | | | | | | Texas. | | | | | | Abilene. | | Big Spring. | | Brownsville. | | Corpus Christi. | |
|--------|-----------|------|-----------|------|-----------------------|------|-----------|------|---------------|-------|-------------|------|-----------|------|----------|------|-----------|-------|-------------|------|----------|------|-------------|------|--------------|------|-----------------|------|
| | Garnett. | | San Luis. | | Agricultural College. | | Carlsbad. | | Fort Stanton. | | Mountainair | | Rosedale. | | Roswell. | | Santa Fe. | | Santa Rosa. | | Abilene. | | Big Spring. | | Brownsville. | | Corpus Christi. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1.... | 60 | 20 | 54 | 19 | 67 | 36 | 50 | 43 | ..... | ..... | 55 | 32 | 48 | 42 | 56 | 32 | ..... | ..... | 49 | 45 | 47 | 41 | 76 | 57 | 68 | 54 | | |
| 2.... | 54 | 19 | 53 | 21 | 72 | 32 | 61 | 44 | ..... | ..... | 60 | 30 | 56 | 44 | 54 | 35 | ..... | ..... | 60 | 45 | 55 | 42 | 77 | 58 | 69 | 54 | | |
| 3.... | 45 | 28 | 47 | 29 | 72 | 37 | 70 | 47 | ..... | ..... | 55 | 38 | 54 | 38 | 51 | 32 | ..... | ..... | 65 | 57 | 68 | 44 | 82 | 66 | 71 | 60 | | |
| 4.... | 44 | 19 | 43 | 27 | 65 | 39 | 59 | 37 | ..... | ..... | 54 | 23 | 50 | 35 | 44 | 29 | ..... | ..... | 60 | 45 | 64 | 44 | 85 | 63 | 74 | 66 | | |
| 5.... | 40 | 16 | 42 | 21 | 69 | 28 | 64 | 27 | ..... | ..... | 60 | 24 | 62 | 26 | 51 | 28 | ..... | ..... | 55 | 45 | 55 | 41 | 75 | 62 | 69 | 59 | | |
| 6.... | 49 | 24 | 49 | 13 | 78 | 29 | 81 | 32 | ..... | ..... | 68 | 30 | 78 | 30 | 57 | 33 | ..... | ..... | 67 | 46 | 73 | 44 | 80 | 53 | 69 | 55 | | |
| 7.... | 61 | 21 | 57 | 28 | 79 | 39 | 82 | 40 | ..... | ..... | 69 | 35 | 74 | 37 | 60 | 36 | ..... | ..... | 69 | 50 | 69 | 41 | 82 | 57 | 60 | 56 | | |
| 8.... | 58 | 18 | 54 | 20 | 65 | 44 | 73 | 44 | ..... | ..... | 68 | 32 | 60 | 36 | 55 | 28 | ..... | ..... | 56 | 43 | 59 | 37 | 74 | 60 | 68 | 56 | | |
| 9.... | 60 | 14 | 59 | 19 | 69 | 31 | 82 | 46 | ..... | ..... | 70 | 28 | 69 | 30 | 58 | 32 | ..... | ..... | 69 | 37 | 71 | 31 | 71 | 45 | 68 | 49 | | |
| 10.... | 60 | 15 | 61 | 20 | 69 | 32 | 75 | 30 | ..... | ..... | 62 | 32 | 73 | 32 | 63 | 37 | ..... | ..... | 69 | 41 | 71 | 35 | 77 | 44 | 67 | 46 | | |
| 11.... | 59 | 12 | 58 | 18 | 73 | 34 | 81 | 39 | ..... | ..... | 65 | 40 | 74 | 35 | 58 | 35 | ..... | ..... | 75 | 49 | 77 | 41 | 81 | 56 | 75 | 61 | | |
| 12.... | 59 | 21 | 51 | 28 | 74 | 45 | 88 | 47 | ..... | ..... | 65 | 35 | 77 | 50 | 56 | 36 | ..... | ..... | 76 | 57 | 81 | 54 | 81 | 65 | 74 | 66 | | |
| 13.... | 56 | 22 | 52 | 30 | 68 | 37 | 78 | 39 | ..... | ..... | 56 | 42 | 66 | 41 | 54 | 39 | ..... | ..... | 75 | 60 | 77 | 54 | 82 | 60 | 74 | 66 | | |
| 14.... | 57 | 26 | 50 | 27 | 69 | 48 | 79 | 47 | ..... | ..... | 62 | 34 | 73 | 49 | 56 | 38 | ..... | ..... | 71 | 63 | 77 | 61 | 81 | 64 | 74 | 68 | | |
| 15.... | 50 | 19 | 48 | 27 | 75 | 39 | 80 | 52 | ..... | ..... | 60 | 36 | 76 | 47 | 54 | 39 | ..... | ..... | 74 | 61 | 77 | 60 | 83 | 58 | 73 | 69 | | |
| 16.... | 52 | 13 | 54 | 15 | 62 | 50 | 75 | 49 | ..... | ..... | 56 | 35 | 68 | 48 | 60 | 35 | ..... | ..... | 69 | 54 | 71 | 52 | 84 | 65 | 79 | 69 | | |
| 17.... | 56 | 19 | 50 | 38 | 57 | 46 | 66 | 50 | ..... | ..... | 50 | 38 | 59 | 48 | 56 | 43 | ..... | ..... | 76 | 58 | 74 | 51 | 80 | 69 | 75 | 70 | | |
| 18.... | 56 | 21 | 56 | 28 | 65 | 39 | 73 | 35 | ..... | ..... | 56 | 34 | 67 | 38 | 58 | 38 | ..... | ..... | 73 | 58 | 70 | 46 | 81 | 72 | 77 | 70 | | |
| 19.... | 47 | 28 | 50 | 38 | 68 | 34 | 78 | 42 | ..... | ..... | 58 | 35 | 71 | 40 | 58 | 37 | ..... | ..... | 78 | 58 | 76 | 54 | 83 | 65 | 76 | 71 | | |
| 20.... | 45 | 29 | 46 | 30 | 55 | 39 | 71 | 51 | ..... | ..... | 50 | 30 | 58 | 42 | 50 | 31 | ..... | ..... | 76 | 59 | 73 | 61 | 83 | 67 | 77 | 71 | | |
| 21.... | 47 | 21 | 38 | 27 | 62 | 29 | 74 | 33 | ..... | ..... | 48 | 25 | 61 | 32 | 43 | 26 | ..... | ..... | 77 | 55 | 73 | 54 | 84 | 74 | 78 | 74 | | |
| 22.... | 46 | 19 | 38 | 21 | 64 | 27 | 73 | 35 | ..... | ..... | 50 | 28 | 64 | 33 | 43 | 33 | ..... | ..... | 74 | 53 | 74 | 53 | 84 | 73 | 78 | 73 | | |
| 23.... | 48 | 13 | 45 | 14 | 60 | 43 | 64 | 45 | ..... | ..... | 46 | 32 | 52 | 38 | 51 | 27 | ..... | ..... | 53 | 43 | 55 | 41 | 84 | 69 | 77 | 73 | | |
| 24.... | 45 | 13 | 39 | 19 | 57 | 45 | 55 | 31 | ..... | ..... | 47 | 30 | 44 | 38 | 42 | 33 | ..... | ..... | 48 | 40 | 46 | 38 | 82 | 69 | 76 | 71 | | |
| 25.... | 39 | 30 | 40 | 30 | 59 | 43 | 55 | 40 | ..... | ..... | 48 | 28 | 48 | 41 | 45 | 31 | ..... | ..... | 60 | 44 | 58 | 41 | 82 | 60 | 74 | 70 | | |
| Mns. | 50.2 | 19.1 | 48.4 | 23.1 | 66.3 | 37.2 | 69.8 | 41.3 | ..... | ..... | 56.1 | 31.2 | 62.9 | 38.8 | 52.1 | 32.8 | ..... | ..... | 66.7 | 50.7 | 67.0 | 46.6 | 80.9 | 62.5 | 78.8 | 64.1 | | |

Texas.

| Date. | Del Rio. | | El Paso. | | Fort McIntosh. | | Fort Stockton. | | Fort Worth. | | Galveston. | | Hallettsville. | | Houston. | | Lufkin. | | Palestine. | | Plainview. | | San Antonio. | | Seymour. | | Taylor. | | |
|--------|----------|------|----------|------|----------------|------|----------------|------|-------------|------|------------|------|----------------|------|----------|------|---------|------|------------|------|------------|-------|--------------|------|----------|------|---------|------|----|
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | |
| 1.... | 58 | 53 | 64 | 41 | 86 | 30 | 51 | 41 | 54 | 48 | 58 | 52 | 63 | 48 | 60 | 46 | 60 | 42 | 58 | 46 | ..... | ..... | 66 | 49 | 54 | 44 | 60 | 48 | |
| 2.... | 58 | 51 | 74 | 43 | 76 | 49 | 68 | 45 | 61 | 45 | 64 | 50 | 70 | 50 | 71 | 45 | 71 | 39 | 67 | 43 | ..... | ..... | 71 | 51 | 64 | 45 | 70 | 43 | |
| 3.... | 73 | 57 | 74 | 45 | 80 | 55 | 79 | 48 | 66 | 54 | 65 | 55 | 76 | 53 | 75 | 50 | 71 | 45 | 74 | 57 | ..... | ..... | 68 | 71 | 53 | 52 | 71 | 52 | |
| 4.... | 66 | 63 | 62 | 46 | 82 | 55 | 72 | 41 | 52 | 50 | 67 | 63 | 65 | 53 | 76 | 61 | 73 | 55 | 71 | 56 | ..... | ..... | 75 | 58 | 62 | 60 | 68 | 60 | |
| 5.... | 66 | 44 | 68 | 35 | 76 | 55 | 62 | 33 | 67 | 54 | 68 | 64 | 65 | 53 | 72 | 61 | 76 | 59 | 72 | 59 | ..... | ..... | 64 | 52 | 58 | 50 | 60 | 54 | |
| 6.... | 72 | 42 | 77 | 44 | 80 | 38 | 77 | 37 | 67 | 52 | 70 | 63 | 74 | 61 | 75 | 58 | 78 | 54 | 74 | 47 | ..... | ..... | 74 | 47 | 70 | 45 | 89 | 57 | |
| 7.... | 80 | 77 | 77 | 49 | 86 | 46 | 80 | 54 | 72 | 56 | 69 | 60 | 80 | 59 | 79 | 58 | 76 | 62 | 78 | 58 | ..... | ..... | 81 | 54 | 78 | 53 | 78 | 52 | |
| 8.... | 67 | 43 | 63 | 46 | 90 | 55 | 67 | 38 | 57 | 46 | 66 | 52 | 64 | 56 | 68 | 50 | 71 | 53 | 68 | 46 | ..... | ..... | 65 | 47 | 70 | 47 | 84 | 45 | |
| 9.... | 72 | 36 | 69 | 38 | 78 | 30 | 75 | 34 | 60 | 41 | 65 | 55 | 69 | 41 | 68 | 48 | 57 | 62 | 61 | 74 | 43 | | | 74 | 43 | 61 | 50 | 70 | 41 |
| 10.... | 77 | 37 | 68 | 42 | 84 | 32 | 80 | 42 | 64 | 38 | 61 | 58 | 68 | 46 | 69 | 46 | 67 | 63 | 66 | 41 | ..... | ..... | 73 | 44 | 67 | 58 | 78 | 42 | |
| 11.... | 75 | 51 | 71 | 47 | 82 | 33 | 81 | 49 | 74 | 46 | 70 | 61 | 75 | 53 | 76 | 51 | 76 | 35 | 74 | 45 | ..... | ..... | 75 | 47 | 70 | 43 | 75 | 43 | |
| 12.... | 79 | 58 | 74 | 52 | 85 | 54 | 87 | 51 | 78 | 61 | 73 | 65 | 79 | 60 | 77 | 62 | 79 | 51 | 78 | 61 | ..... | ..... | 79 | 62 | 78 | 59 | 78 | 59 | |
| 13.... | 80 | 61 | 69 | 44 | 86 | 55 | 84 | 50 | 77 | 63 | 73 | 66 | 79 | 62 | 79 | 59 | 78 | 61 | 79 | 60 | ..... | ..... | 79 | 60 | 78 | 57 | 78 | 61 | |
| 14.... | 78 | 64 | 71 | 57 | 89 | 57 | 83 | 55 | 71 | 64 | 73 | 67 | 79 | 61 | 81 | 62 | 79 | 60 | 77 | 61 | ..... | ..... | 78 | 63 | 73 | 62 | 78 | 62 | |
| 15.... | 80 | 62 | 78 | 49 | 87 | 64 | 85 | 58 | 75 | 63 | 71 | 67 | 81 | 61 | 79 | 65 | 78 | 68 | 76 | 60 | ..... | ..... | 78 | 62 | 78 | 57 | 78 | 62 | |
| 16.... | 80 | 61 | 66 | 53 | 87 | 65 | 83 | 53 | 75 | 60 | 76 | 67 | 80 | 60 | 82 | 66 | 78 | 57 | 78 | | | | | | | | | | |